



PATENT (US)

AMD Docket No. D546

**COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **TOPOGRAPHICALLY ALIGNED LAYERS AND METHOD FOR ADJUSTING THE
RELATIVE ALIGNMENT OF LAYERS AND APPARATUS THEREFOR**

the specification of which.

☒ was filed as United States Application No.: 09/992,599
Filing Date: November 6, 2001

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations § 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| Application No. | Filing Date | Patent Number |
|-----------------|-------------|---------------|
| | | |

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e)

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) that is/are listed below

| Application No. | Filing Date |
|-----------------|------------------|
| 60/246,146 | November 6, 2000 |

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

| Name | Registration No. | Name | Registration No. |
|-----------------------|------------------|--------------------|------------------|
| Warren A. Sklar | 26,373 | Neil A. DuChez | 26,725 |
| Mark D. Saralino | 34,243 | M. David Galin | 41,767 |
| Jonathan A. Platt | 41,255 | Cynthia S. Murphy | 33,430 |
| Thomas W. Adams | 35,047 | Joseph J. Crimaldi | 41,690 |
| Paul R. Steffes | 43,156 | Andrew Romero | 43,890 |
| Michael D'Aurelio | 40,977 | Todd R. Tucker | 40,850 |
| Elizabeth A. Apperley | 36,428 | Richard J. Roddy | 27,688 |
| Paul S. Drake | 33,491 | Michael Caywood | 37,797 |
| Bradley Botsch | 34,552 | Harry A. Wolin | 32,638 |
| Rajendra Jaipershad | 44,168 | Daniel R. Collopy | 33,667 |
| Diana Roberts | 38,654 | | |

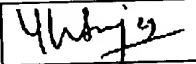
Send Correspondence To:

Warren A. Sklar
Renner, Otto, Boisselle & Sklar, LLP
1621 Euclid Ave. - 19th Floor
Cleveland, Ohio 44115

Direct Telephone Calls To:

Name: Warren A. Sklar
Tel. No: 216/621-1113
Fax No: 216/621-6165

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|--|---|--------------|---------|
| Full Name of Sole or First Inventor: Sanjay K. Yedur | | | |
| Inventor's signature: |  | Date: | 2/12/02 |
| Residence: (City & State/Country): | San Ramon, California/US | Citizenship: | India |
| Post Office Address: | 110 Country Brook Loop, San Ramon, CA 94583 | | |

| | | | |
|--|--|--------------|-----|
| Full Name of Additional Joint Inventor (if any): Bhanwar Singh | | | |
| Inventor's signature: | | Date: | |
| Residence: (City & State/Country): | Morgan Hill, California/US | Citizenship: | USA |
| Post Office Address: | 17122 Heatherwood, Morgan Hill, CA 95037 | | |

CHECK FOR ANY OF THE FOLLOWING ADDED PAGES(S) WHICH FORM A PART OF THIS DECLARATION

☒ Signature for third and subsequent joint inventors. Number of pages added 1
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

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AMD Docket No. D546

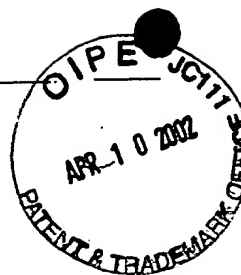
PATENT

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

| | | | |
|--|--|--------------|-------|
| Full Name of Additional Joint Inventor (if any): Bharath Rangarajan | | | |
| Inventor's signature: | | Date: | |
| Residence: (City & State/Country): | Santa Clara, California/US | Citizenship: | India |
| Post Office Address: | 2295 Dolores Avenue, Santa Clara, CA 95050 | | |

| | | | |
|--|---|--------------|--|
| Full Name of Additional Joint Inventor (if any): Ramkumar Subramanian | | | |
| Inventor's signature: | | Date: | |
| Residence: (City & State/Country): | Sunnyvale, California/US | Citizenship: | |
| Post Office Address: | 1155 D La Rochelle Terrace, Sunnyvale, CA 94089 | | |

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Send Correspondence To:

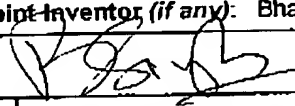
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Renner, Otto, Boisselle & Sklar, LLP
1821 Euclid Ave. - 19th Floor
Cleveland, Ohio 44115

Direct Telephone Calls To:

Name: Warren A. Sklar
Tel. No: 216/621-1113
Fax No: 216/621-6165

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| | | | |
|--|---|--------------|-------|
| Full Name of Sole or First Inventor: Sanjay K. Yedur | | | |
| Inventor's signature: | | Date: | |
| Residence: (City & State/Country): | San Ramon, California/US | Citizenship: | India |
| Post Office Address: | 110 Country Brook Loop, San Ramon, CA 94583 | | |

| | | | |
|--|---|--------------|-------------|
| Full Name of Additional Joint Inventor (if any): Bhanwar Singh | | | |
| Inventor's signature: |  | Date: | Feb. 13, 02 |
| Residence: (City & State/Country): | Morgan Hill, California/US | Citizenship: | USA |
| Post Office Address: | 17122 Heatherwood, Morgan Hill, CA 95037 | | |

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

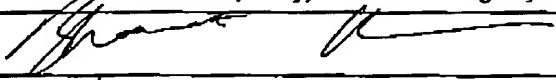
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☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.


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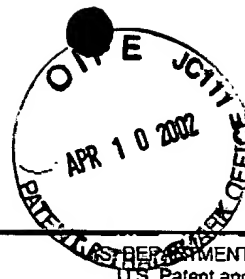
PATENT

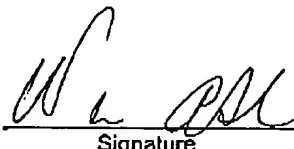
ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS

| | | | |
|---|--|--------------|---------|
| Full Name of Additional Joint Inventor (if any): Bharath Rangarajan | | | |
| Inventor's signature: |  | Date: | 2/14/02 |
| Residence: (City & State/Country): | Santa Clara, California/US | Citizenship: | India |
| Post Office Address: | 2295 Dolores Avenue, Santa Clara, CA 95050 | | |

| | | | |
|---|---|--------------|----------|
| Full Name of Additional Joint Inventor (if any): Ramkumar Subramanian | | | |
| Inventor's signature: |  | Date: | 02/13/02 |
| Residence: (City & State/Country): | Sunnyvale, California/US | Citizenship: | INDIA |
| Post Office Address: | 1155 D La Rochelle Terrace, Sunnyvale, CA 94089 | | |

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| | | | | | |
|--|--|--|--|--|--|
| Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) | | RECORDATION FORM COVER SHEET PATENTS ONLY | | DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | |
| | | Dkt. No. D546 | | | |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | | | | |
| 1. Name of conveying party(ies): Sanjay K. Yedur Bhanwar Singh Bharath Rangarajan Ramkumar Subramanian Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | 2. Name and address of receiving party(ies) Name: <u>ADVANCED MICRO DEVICES, INC.</u> Internal Address: _____ Street Address: <u>One AMD Place</u> <u>P.O. Box 3453</u> City: <u>Sunnyvale</u> State: <u>CA</u> Zip: <u>94088</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>2/12/02</u> <u>2/13/02</u> <u>2/14/02</u> <u>2/13/02</u> | | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/992,599</u> <u>Filed 11/6/01</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Warren A. Sklar</u> Internal Address: _____ <u>Renner, Otto, Boisselle & Sklar, LLP</u> Street Address: <u>1621 Euclid Avenue, 19th Floor</u> City: <u>Cleveland</u> State: <u>OH</u> Zip: <u>44115</u> | | | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>18-0988</u> | | |
| DO NOT USE THIS SPACE | | | | | |
| 9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>Warren A. Sklar</u> Name of Person Signing </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>2/20/02</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: <u>6</u> </div> | | | | | |

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

AMD Docket No. D546

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Sanjay K. Yedur
110 Country Brook Loop
San Ramon, CA 94583

Bhanwar Singh
17122 Heatherwood
Morgan Hill, CA 95037

Bharath Rangarajan
2295 Dolores Avenue
Santa Clara, CA 95050

Ramkumar Subramanian
1155 D La Rochelle Terrace
Sunnyvale, CA 94089

hereby sell and assign to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

**TOPOGRAPHICALLY ALIGNED LAYERS AND METHOD FOR ADJUSTING THE
RELATIVE ALIGNMENT OF LAYERS AND APPARATUS THEREFOR**

for which application for United States Letters Patent has been filed on November 6, 2001 under Serial No. 09/992,599, said application for United States Letters Patent, U.S. Provisional Patent Application Serial No. 60/246,146, filed November 6, 2000, and any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same

AMD Docket No. D546

could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Signed:

Date:


 Sanjay K. Yedur

2/12/02
CERTIFICATE OF ACKNOWLEDGMENTState of CALIFORNIACounty of CONTRA COSTA
 On 2/12/02 before me, MICHAEL M. BUCKER, Notary Public
 personally appeared SANJAY K. YEDUR
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
Name(s) of Signer(s)


☐ personally known to me - OR ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


 Signature of Notary Public

AMD Docket No. D546

Signed:

Date:

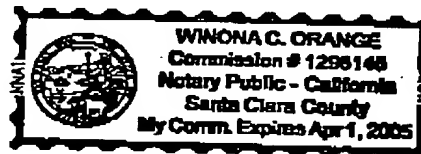
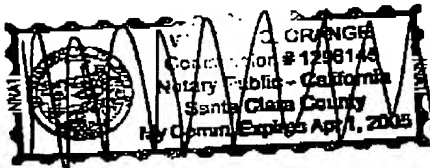
Bhanwar Singh

Feb 13, 02**CERTIFICATE OF ACKNOWLEDGMENT**State of CaliforniaCounty of Santa ClaraOn 02-13-02 before me, WINONA C. ORANGE,
personally appeared Bhanwar SinghNotary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

Name(s) of Signer(s)

~~I~~ personally known to me ~~OR~~ - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Winona C. Orange
Signature of Notary Public

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Signed:

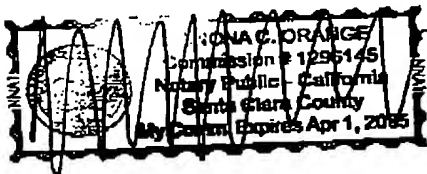
Date:


Bharath Rangarajan2/14/02**CERTIFICATE OF ACKNOWLEDGMENT**State of CaliforniaCounty of Santa ClaraOn 02-14-02before me, WINONA C. ORANGE

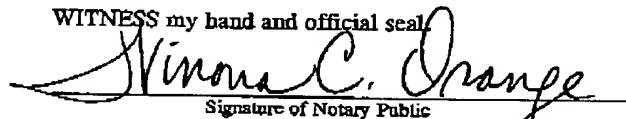
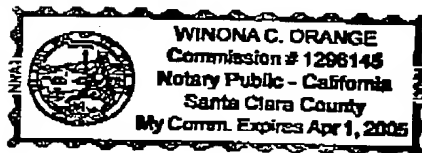
Notary Public

personally appeared Bharath RangarajanName and Title of Officer (e.g., "Jane Doe, Notary Public")
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~~I~~ personally known to me ~~OR~~ ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ ~~she~~ ~~they~~ executed the same in ~~his~~ ~~her~~ ~~their~~ authorized capacity(ies), and that by ~~his~~ ~~her~~ ~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



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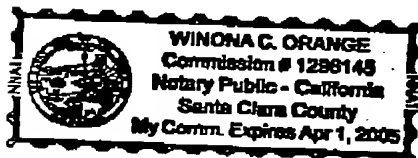
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